


BISMUTH(III) HYDROXIDE NITRATE

BI0225 Bismuth(III) hydroxide nitrate, extra pure, Phampur®, Ph Eur, BP, USP 

- Synonyms: Bismuth subnitrate, Bismuth nitrate basic
- $\text{Bi}_5\text{O}(\text{OH})_3(\text{NO}_3)_4$
- $M = 1461,99 \text{ g/mol}$
- CAS [1304-85-4]
- EINECS-No.: 215-136-8
- Solub. in water: (20 °C): almost insoluble
- Melting point: 260 °C
- ADR: 5.1 O2 II UN 1477
- IMDG: 5.1 II UN 1477
- IATA/ICAO: 5.1 II UN 1477
- GHS-signal word: Danger
- GHS-H sentences: H272
- GHS-P sentences: P221 - P210 - P220 - P280 - P370 + P378a - P501a
- Tariff number: 2834 29 80 00
- Applications: analytical chemistry, cosmetics, in pharma industry.
- Appearance: Colourless solid

assay (complexometric, as Bi, on dried sample) 71,0 - 74,0 %
 assay (complexometric, as Bi_2O_3 , on dried sample) min. 79,0 %
 identification passes test
 acidity passes test
 chlorides (Cl) max. 200 ppm
 carbonates passes test
 sulfates (SO_4) passes test
 arsenic (As) max. 8 ppm
 ammonium salts passes test
 copper (Cu) max. 50 ppm
 copper (Cu) passes test
 lead (Pb) max. 20 ppm
 lead (Pb) passes test
 silver (Ag) max. 25 ppm
 silver (Ag) passes test
 alkali and alkaline earth metals max. 0,5 %
 substances not precipitated by ammonia max. 1,0 %
 loss on drying (105 °C) max. 3,0 %

Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
BI02250250	250 g	0

BISMUTH OXIDE

BI0200 Bismuth oxide, EssentQ®

- Bi_2O_3
- $M = 465,96 \text{ g/mol}$
- CAS [1304-76-3]
- EINECS-No.: 215-134-7
- Solub. in water: (20 °C): almost insoluble
- Melting point: 817 °C
- Boiling point: 1890 °C
- LD 50 (oral, rat): 5000 mg/kg
- Tariff number: 2825 90 80 00

- Applications: analytical chemistry, catalyst, in the rubber industry, synthesis of organic products.

assay (complexometric) min. 99,5 %
 nitrates (NO_3) max. 0,05 %
 arsenic (As) max. 5 ppm
 copper (Cu) max. 0,005 %
 residue on ignition (1000 °C) max. 0,5 %

ART. NO.	VOLUME	CONTAINER
BI02000100	100 g	0

BIURET'S REAGENT

RE0003 Biuret's reagent, for determination of proteins


- Density: 1,06 g/cm³
- Solub. in water: (20 °C): miscible
- GHS-H sentences: H412
- GHS-P sentences: P273 - P501a
- Tariff number: 3822 00 00 00

- Applications: analytical chemistry, for determination of proteins.
- Appearance: Blue liquid

Suitable for determination of proteins

ART. NO.	VOLUME	CONTAINER
RE00030100	100 ml	0

BLEACHING AGENT, SOLUTION ACCORDING TO GRAM

DE0010 Bleaching agent, solution according to Gram 

- CAS [37348-17-7]
- Density: 0,79 g/cm³
- Solub. in water: (20 °C): soluble
- Flash pt. -10 °C
- Ignition temp.: > 425 °C
- ADR: 3 F1 II UN 1993
- IMDG: 3 II UN 1993
- IATA/ICAO: 3 II UN 1993
- GHS-signal word: Danger
- GHS-H sentences: H225 - H319 - H336

- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 3822 00 00 00
- Applications: microscopy.

Suitability for microscopy passes test
 contains acetone and ethanol

ART. NO.	VOLUME	CONTAINER
DE0010G100	100 ml	0
DE00100500	500 ml	0
DE00101000	1 l	0
DE00102500	2,5 l	0

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z